



Industrial Internet of Things (IIoT) Market 2017-2022: Industry Analysis by Technology, Device, Software, App, Verticals

Latest news on "Industrial IoT Market by Technology, Device, Software, App, Vertical, and Geography" available with OrbisResearch.com

DALLAS, TEXAS, UNITED STATES, March 13, 2017 /EINPresswire.com/ -- The Industrial Internet of Things (IIoT) is poised to significantly improve reliability, production, and customer satisfaction. Initially focusing on improving existing processes and augmented current infrastructure, IIoT will rely upon as well as integrate with certain key technologies, devices, software, and applications.

Unlike LTE /4G, the fifth generation (5G) of wireless will represent a purpose-built technology, designed and engineered to facilitate connected devices as well as automation systems. In many ways, 5G will be a facilitator and an accelerator of the next industrial revolution, often referred to as Industry 4.0. There is a need to look beyond smart factories, intelligent products and services towards enterprise as a whole and the unique benefits of high capacity urban wireless applications.

Browse the complete report at <http://www.orbisresearch.com/reports/index/industrial-iiot-market-by-technology-5g-apis-databases-device-sensors-rfid-robots-smart-meters-software-controls-data-management-plm-app-3d-printing-industrial-analytics-smart-workplace-teleoperation-vertical-and-geography> .

IIoT APIs will support IIoT Operations in many regards including interoperability between IIoT Platforms, Devices, and Gateways. Moreover, IIoT APIs will become a critical part of major IIoT application and service developer programs. There is an emerging opportunity for IIoT database infrastructure services to support inter-working and access to IIoT related resources, most notably data associated with IIoT events gathered from IIoT Devices and sensors.

Sensors are used for detection of changes in the physical and/or logical relationship of one object to another(s) and/or the environment. Physical changes may include temperature, light, pressure, sound, and motion. Logical changes include the presence/absence of an electronically traceable entity, location, and/or activity. Within an IIoT context, physical and logical changes are equally important.

IIoT will be a driver of substantial software development in infrastructure, platforms, devices, security, applications and services. Original Equipment Manufacturer (OEM) represents an important go-to-market aspect of IIoT for early distribution and as a value-add to IIoT product capabilities and/or service offerings. IIoT also raises Importance of Value-added Resellers (VAR), Systems Integrators (SI), and Independent Software Vendors (ISV). The convergence of Cloud, Data Management, IIoT Platforms and Solutions is enabling the next evolution of data analytics in which enterprise will realize significant tangible and intangible benefits from IIoT data.

3D Printing is transformative beyond the printing industry itself as it is poised to cause a huge shift in manufacturing, especially when coupled with Artificial Intelligence (AI) and advancements in Industrial

Internet of Things (IIoT). In next five years, virtually every human will come into touch with 3D printed products. Mind Commerce sees 3D Printing as an essential building block, along with 5G, AI, and IIoT in forming the 4th industrial revolution, commonly referred to as Industry 4.0.

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The Smart Workplace is a concept powered by IoT technologies and solutions and is composed of smart workforce, intelligent environments, and smart components. There are many factors to consider including service robots, ubiquitous connectivity and communication technology, building automation and management systems, sensor equipped energy management systems, cloud and edge enabled infrastructure, mobile device management, wearable networks, intelligent software application, and many more.

Teleoperation and Telerobotics plays a profound role in industrial automation and the rapidly evolving industrial Internet of Things (IIoT) arena. Robots and remote control systems enable various industries to control real machines/equipment by virtual object through master controlling interfaces.

This is by far the most comprehensive IIoT research available. With hard data, keen insights, detailed qualitative analysis, and forecasts, Industrial IoT Market by IIoT Technology (5G, APIs, Databases), Device (Sensors, RFID, Robots, Smart Meters), Software (Controls, Data Management, PLM), Application (3D Printing, Industrial Analytics, Process Automation, Smart Workplace, Teleoperation), Industry Vertical, and Geography is must reading for anyone within the manufacturing, industrial, and/or enterprise IoT space. All purchases of Mind Commerce reports includes time with an expert analyst who will help you link key findings in the report to the business issues you're addressing. This needs to be used within three months of purchasing the report.

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Target Audience:

- Robotics companies
- Telecom service providers
- Manufacturing companies
- Embedded systems companies
- Wireless device manufacturers
- Systems integration companies
- Sensors and actuators suppliers
- IIoT and industrial service providers
- Telecom and IT infrastructure suppliers

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